

SEQUENCE LISTING

<110> Auf der Maur, Adrian
Barberis, Alcide
Escher, Dominik

<120> INTRABODIES WITH DEFINED FRAMEWORK THAT IS STABLE IN A
REDUCING ENVIRONMENT AND APPLICATIONS THEREOF

<130> 27656/37021

<140>

<141>

<150> 09/529,307

<151> 2000-04-11

<150> PCT/IB00/00218

<151> 2000-03-01

<150> PCT/IB99/02054

<151> 1999-12-28

<160> 11

<170> PatentIn Ver. 2.1

<210> 1

<211> 252

<212> PRT

<213> Mus musculus

<220>

<221> CHAIN

<222> (1) .. (114)

<223> Variable light chain

<220>

<221> CHAIN

<222> (135) .. (247)

<223> Variable heavy chain

<220>

<221> REPEAT

$\langle 222 \rangle \quad (115) \dots (134)$

<223> Glycine Serine Linker

<220>

<221> PEPTIDE

<222> (248) .. (252)

<223> His Tag

<220>

<221> DOMAIN

<223> CDR 1 VL

<221> DOMAIN

<223> CDR 3 VL

<221> DOMAIN

<223> CDR 1 VH

<221> DOMAIN

<223> CDR 2 H

<221> DOMAIN

<223> CDR 3 VH

Met Gly Pro Asp Ile Val Met Thr Gln Ser Pro Ser Ser Leu Ser Ala
1 5 10 15

Ser Val Gly Asp Arg Val Thr Ile Thr Cys Arg Ser Ser Thr Gly Ala
20 25 30

Val	Thr	Thr	Ser	Asn	Tyr	Ala	Ser	Trp	Val	Gln	Lys	Lys	Pro	Gly	Lys
		35					40					45			

Arg Phe Lys Gly Leu Ile Gly Gly Thr Asn Asn Arg Ala Pro Gly Val
50 55 60

Pro Ser Arg Phe Ser Gly Ser Leu Ile Gly Asp Lys Ala Thr Leu Thr
65 70 75 80

Ile Ser Ser Leu Gln Pro Glu Asp Phe Ala Thr Tyr Phe Cys Ala Leu
85 90 95

Trp Tyr Ser Asn His Trp Val Phe Gly Gln Gly Thr Lys Val Glu Leu
100 105 110

Lys Arg Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
115 120 125

Ser Ser Gly Gly Gly Ser Glu Val Lys Leu Leu Glu Ser Gly Gly Gly
130 135 140

Leu Val Gln Pro Gly Gly Ser Leu Lys Leu Ser Cys Ala Val Ser Gly
145 150 155 160

Thr Leu Val Thr Val Ser Ser His His His His His
245 250

<223> Description of Artificial Sequence: synthetic peptide Glycine Serine Linker

<400> 4
Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Ser
1 5 10 15

Gly Gly Gly Ser
20

<210> 5
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: PCR upstream
Primer

<400> 5
ccatgggccc aagctttgca aagatggata aag 33

<210> 6
<211> 85
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: synthetic
peptide linker

<400> 6
tttgggcccg aagaaccgcc accaccagaa ccgcctccac cagagccacc accaccaggc 60
ctgatctctt tttttgggtt tgggtg 85

<210> 7
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: synthetic
peptide linker

<400> 7
Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly Gly Ser
1 5 10

<210> 8
<211> 34
<212> DNA
<213> Artificial Sequence

<220>

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<223> Description of Artificial Sequence: PCR upstream primer

<400> 8
catgccatgg ttcctcaaca gcagcaaattg caac

34

<210> 9
<211> 39
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: PCR downstream primer

<400> 9
catgccatgg cgctagccaa agcttggatt tttctcagg

39

<210> 10
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: synthetic oligonucleotide

<400> 10
cctatgactc atccagttat gactcatcg

29

<210> 11
<211> 37
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: synthetic oligonucleotide

<400> 11
tcgacgatga gtcataactg gatgagtcatt aggcattg

37

Sequence of the gene